



## **Service Description:** **Security Training Data Web Service**

<b>Version #</b>	<b>Change Description</b>	<b>Owner</b>
1.0	Initial Version	Bill Jones

## Purpose

The purpose of this document is to provide a general description of the Return Training Data Web Service.

## General Description

The Return Training Data web service returns basic person data plus the dates below for each person. The following training data is returned:

- Securing Remote Computers course completed date
- CSA course completed date
- Fiscal Year requirements completed date
- Remote Access Agreement Signed date
- FDCC Training completed date
- Has the person taken sufficient training to have an AD account?
- Has the person taken sufficient training to have a remote access account?

The service is invoked via SOAP over HTTPS. The SOAP header must include a valid NIH Active Directory (AD) account and password in the NIH domain.

## Operations

There are three operations for the Return Training Data web service:

- getByNIHid
  - Returns a person's training data record in the schema below for the specified NIH Id. Return code is always 0, if no NED record was found for the specified NIH Id, Number of Records is 0.
- getByIC
  - Returns one training data record for each person in the specified IC who has taken training or signed an electronic form.
- getBySAC
  - Returns one training data record for each person in the specified SAC code who has taken training or signed an electronic form.
- getName
  - Returns one training data record for each person whose legal or common first and last names begin with the first and last names specified in the parameters. Either first name, last name, or both must be specified.
- getEmail
  - Returns one training data record for each person whose preferred or unique email address ([phalias@nih.gov](mailto:phalias@nih.gov)) match the email address specified. Note that a person's Exchange email address may not be either of these if he/she has specified a different preferred email address.

**Input Schemas** – The input schema for each operation consists of the element (two for getByName) specific to the service.

## Output Schema

The output schema is described below. If no records were found, 0 is returned in Number of Records.

- Number of Records
  - The number of people for whom data was returned
- Person Training Data records
- The following data structure is returned for each person:
- NIH Id
- First name
- Last name
- Email address
- IC organization path
- SAC code
- Date of Entry into the NIH Enterprise Directory (NED).
- RMA (Remote Access Acceptance) electronic signature date
- FDCC Training completed date
- SRC (Securing Remote Computers) completed date
- CSA (Computer Security Awareness) completed date
- FYR (Fiscal Year Requirements) completed date
- AD account name
- AD Training Completed (Y or N)
- RM (remote access) Training Completed (Y or N)

The output is defined in the schema:

<https://soa.nih.gov:443/Traininginfo/schemas/ReturnICdata.xsd>

## Use Cases

- getByNIHid
  - An NIH Id of 0010149277 is specified, data for the person is returned.
- getByIC
  - An IC of CIT was specified, data for everyone in CIT who has taken security training or signed an electronic security form is returned.  
Number of Records = number of data records returned.
- getBySAC
  - A SAC of HNU (SAC for CIT) was specified, data for everyone in CIT who has taken security training or signed an electronic security form is returned. Number of Records = number of data records returned.
- getByName

- A first name of 'William' and Last Name of 'Jones' is specified. Data for everyone in NED with a legal or common name of 'William Jones' and has taken security training or signed an electronic security form is returned. Number of Records = number of date records returned.
- ByEmail
  - An email address of [johnsonk@mail.nih.gov](mailto:johnsonk@mail.nih.gov) is specified, data for everyone in NED with a preferred email address of [johnsonk@mail.nih.gov](mailto:johnsonk@mail.nih.gov) would be returned.
  - Number of Records = number of date records returned.

## Contact Information

For additional information on this web service, contact [CITISCAadmins@mail.nih.gov](mailto:CITISCAadmins@mail.nih.gov)

## Test Cases

- AllTrainingbyNIHid
  - Use <http://ned.nih.gov> to find a valid NIH Id, should return one record
  - Specify an invalid NIH Id, 0 records will be returned.
- AllTrainingbyIC
  - Specify an IC of CIT, about 1,000 records should be returned
  - Specify an IC of CXT, 0 records will be returned.
- AllTrainingbySAC
  - Specify a SAC code of HNU, about 1,000 records should be returned
  - Specify a SAC code of NHU, 0 records will be returned.
- ByName
  - Specify First name = William, Last name = Jones, about 5 records should be returned.
  - Specify First name = Willia?, Last name = Jones, 0 records will be returned.
- ByEmail
  - Use <http://ned.nih.gov> to find a valid preferred email address (or use a valid phalias@nih.gov), should return a record for everyone with that email address, hopefully only one record should come back, but it can't be guaranteed.
  - Specify an email address of [ll?xxx@none.nih.gov](mailto:ll?xxx@none.nih.gov), 0 records will be returned.